



Massimiliano Bruni

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PROFILE

I am a Software Engineer specialized in Machine Learning. During my career I have realized and put into production various projects, both proprietaries and Open Source. I love technology and I like working on innovative projects. I work methodically, precisely and with attention to details. I am rational, diligent, hard-working and pragmatic.

LINKS

Github://[Maxinho96](#)

LinkedIn://[Massimiliano Bruni](#)

Medium://[Massimiliano Bruni](#)

YouTube://[Massimiliano Bruni](#)

LANGUAGES

Italian: Native

English: Fluent (B2/C1 level)

SKILLS

HARD SKILLS

Advanced: Python • Machine Learning
FastAPI • Flask • AWS • Docker • Kubernetes
Airflow • Elasticsearch • Opensearch
Kibana • PostgreSQL • Linux • Bash • Git
Intermediate: Pandas • Polars • RabbitMQ
Huggingface Transformers • Rasa Chatbot
Basic: Golang • Java • Keras • TensorFlow
Terraform • Cloudformation • Logstash

SOFT SKILLS

Problem solving, for the Engineering studies.
Team working, for the projects I worked on.
Communication, for the experiences as private tutor and library assistant.
Learning, for my passion to discover the world.

CERTIFICATIONS

Year	Released by	Certificate
2022	Rasa chatbot	<i>Rasa Developer Certification</i>
2021	Coursera	<i>Deep Learning Specialization</i>
2020	Italian State	<i>Software Engineering License</i>
2015	Cambridge	<i>B2 First</i>
2015	Cisco	<i>CCNA Discovery</i>

HOBBIES

Sports • Technology news • Videogames
Board games • Mangas • Hangout

EXPERIENCE

OUTFITTERY

SOFTWARE ENGINEER - MACHINE LEARNING

Dec 2022 - present | Berlin (Full Remote)

I am responsible of developing and maintaining Machine Learning microservices and pipelines in the Data Science team. I also take architectural decisions and I take care of the cloud infrastructure.

Technologies: **Python • FastAPI • Flask • AWS • Docker • Kubernetes • Airflow • Opensearch • Kibana • PostgreSQL • Pandas • Polars • RabbitMQ • Terraform • Cloudformation**

HCL SOFTWARE

SOFTWARE ENGINEER - MACHINE LEARNING

May 2021 - Nov 2022 | Rome (Hybrid)

I was responsible of developing the Python backend and the training process of new projects that require Machine Learning. I was also involved in the product delivery process in both cloud and on-premise environments.

Technologies: **Python • Pandas • Huggingface Transformers • Rasa • FastAPI • Bash • Docker • Kubernetes • Elasticsearch • Kibana • Logstash**

ASKDATA

MACHINE LEARNING ENGINEER

September 2020 - April 2021 | Rome (Full Remote)

I was responsible of R&D and releasing in production Deep Learning models in the NLP field involving Text Summarization, Machine Translation, Named Entity Recognition and Semantic Similarity.

Technologies: **Python • Pandas • Huggingface Transformers • Flask • FastAPI**

EDUCATION

ITALIAN RESEARCH CENTER (CNR)

ADVANCED SCHOOL IN ARTIFICIAL INTELLIGENCE

Practical school with focus on Machine Learning Applications.

October 2019 - April 2020 | Rome

UNIVERSITÀ DEGLI STUDI ROMA TRE

BACHELOR'S AND MASTER'S DEGREE IN COMPUTER SCIENCE ENGINEERING

September 2015 - July 2020 | Rome

Grade: 110/110 cum laude

PROJECTS

CLARA (LINK)

A chatbot virtual assistant for Workload Automation.

AI DATA ADVISOR (LINK)

An Anomaly Detection System for Workload Automation.

HUMAN2SQL (LINK)

Translation from spoken language to SQL language.

VIDEO SURVEILLANCE SYSTEM (LINK)

OBJECT DETECTION WITH DRONE (LINK)

TELEGRAM BOT: IMAGE CLASSIFIER (LINK)

OPEN SOURCE CONTRIBUTIONS

TRAINING GROUNDS (LINK)

Outfittery's Data Science Framework.

RASA CHATBOT FRAMEWORK (LINK)

HUGGINGFACE TRANSFORMERS (LINK)

YOLOV3 TENSORFLOW IMPLEMENTATION (LINK)